Name: Date:

## Practice finding inverse functions

1. Find the inverse function.

$$f(x) = 3x + 5$$

2. Find the inverse function.

$$f(x) = \frac{x - 4}{7}$$

3. Find the inverse function.

$$f(x) = 6(x + 1)$$

4. Find the inverse function.

$$f(x) = 8 + \frac{x}{3}$$

5. Find the inverse function.

$$f(x) = 7x - 2$$

6. Find the inverse function.

$$f(x) = \frac{5 + x}{9}$$

7. Find the inverse function.

$$f(x) = (x - 8) \cdot 3$$

8. Find the inverse function.

$$f(x) = \frac{x}{5} - 2$$

Name: Date:

## Practice finding inverse functions

1. Find the inverse function.

$$f(x) = 3x + 5$$

$$f^{-1}(x) = \frac{x-5}{3}$$

2. Find the inverse function.

$$f(x) = \frac{x-4}{7}$$

$$f^{-1}(x) = 7x + 4$$

3. Find the inverse function.

$$f(x) = 6(x+1)$$

$$f^{-1}(x) = \frac{x}{6} - 1$$

4. Find the inverse function.

$$f(x) = 8 + \frac{x}{3}$$

$$f^{-1}(x) = 3(x-8)$$

5. Find the inverse function.

$$f(x) = 7x - 2$$

$$f^{-1} = \frac{x+2}{7}$$

6. Find the inverse function.

$$f(x) = \frac{5+x}{9}$$

$$f^{-1} = 9x - 5$$

7. Find the inverse function.

$$f(x) = (x-8) \cdot 3$$

$$f^{-1} = \frac{x}{3} + 8$$

8. Find the inverse function.

$$f(x) = \frac{x}{5} - 2$$

$$f^{-1} = 5(x+2)$$